SAMSUNG
Let our expertise take your business further
www.samsunglfd.com

Big ideas need a big platform

Samsung's new line of large format displays (LFD) command the world's stage. Only Samsung has the experience and innovative technology of fully integrated LFD solutions to deliver your message and bring your vision to life on the big screen. An unrivalled combination of design and integration expertise, high-quality core professional display and audio systems technologies, and experienced professionals make it all happen.

CCFL Panel

Key Features

BX SERIES

Discover the easy way of reaching your audience

Take the hassles out of your communications with the powerful and flexible BX Series. Featuring an innovative design that allows for quick and easy video walls and built-in speakers for a full multimedia experience, it is the resource you business needs to stand out. Its brilliant picture quality is supported by internal cooling system that ensures you messaging can stand the test of time. So, give your business the right tools and discover the easy way of reaching your audience.

• A video wall that lives up to your standards

Create the ultimate video wall with Samsung LFDs that cater to your needs. And because this LFD has an embedded video matrix processor, it supports 1 x 1 to 10 x 10 wall formats, allowing you to enjoy total convenience. Best yet, since they need no additional support, the possibilities are almost endless.

• Save money, save space with built-in speakers

Maximize your impact with a great picture and crisp audio. Your message will be heard loud and clear with built-in speakers. You'll save money when you eliminate the cost of purchasing separate speakers, and you'll save valuable space as well.

• Choose the right view, landscape or portrait

This Samsung LFD gives you the flexibility to display your image vertically or horizontally-whatever the situation calls for. With a pivot function that rotates the screen 90° degrees and the freedom to display presentations in portrait mode or advertisements in landscape mode, this makes for one versatile monitor.

• A great picture that's glare-free

Whether you have a story to tell or a product to sell, it's important that your image is crystal clear. This Samsung LFD delivers just that-even if your display is located in a brightly-lit environment. It eliminates any reflections that can disrupt your ad's readability, keeping images smooth and visible.

CCFL Panel

Key Features

MX SERIES

Cost effective, best-in-class solution

Deliver your information with outstanding quality images, vivid colour and clarity. The Samsung MX Series features a 3000:1 contrast ratio and 178° viewing angles so everyone can see clearly. And built-in speakers mean you don't have to buy and mount separate external speakers. Bold, bright, brilliant.

• SIM (Slide In Module) design

SIM is designed to satisfy customers various needs and to customize to local demands. This Samsung LFD have machanical space where various SIM modules applicable such as Network PC and signal reciever. And also local third party can paticipate in providing their own SIM module.

• Twice the information, double the impact

Either your presentation requires a picture-in-picture configuration or a picture-by-picture arrangement, this Samsung LFD makes it possible. When one image just isn't enough, two video signals can be viewed simultaneously for maximum impact.

• A great picture that's glare-free

Whether you have a story to tell or a product to sell, it's important that your image is crystal clear. This Samsung LFD delivers just that—even if your display is located in a brightly-lit environment. It eliminates any reflections that can disrupt your ad's readability, keeping images smooth and visible.

• Set a schedule that's always on time

Keep your monitor running efficiently at all times. This Samsung LFD boasts a smart scheduling feature. The automatic power on/off function allows you to designate time, day, volume, input source and holiday dates. There's even a convenient on-screen display setting with up to 3 schedules including day and time.

Departures
FLIGHT DESTINATION TIME GATE
AZ0101 ROME 07:30 C01
AC0891 TORONTO 07:35 A22
BA0555 LONDON 08:10 C11
KL3457 LOS ANGELES 08:30 C05
US5068 PENANG 08:55 B04
JL0474 CHICAGO 09:20 A15
UA504 Gold Coast 31 Gate 13:30

CCFL Panel

Key Features

DX SERIES

Deliver the benefits of a large format display to your business

Built using the industry-standard CCFL technology, the Samsung CCFL Large Format Display (LFD) lineup provides a solid and reliable solution to meet your large format display needs. The DX Series produces superior picture quality with a higher contrast ratio and superb image brightness. The result is a display that creates vibrant and highly visible images that's also extremely cost efficient due to low maintenance and strong reliability.

• More Standard Features

Unlike its competition, the Samsung DX Series boasts a slim and lightweight design. That allows for greater flexibility and opens up a whole new world of options for customised installation applications. The DX Series also offers a wider range of proprietary features that comes standard like built-in speakers and digital out port, than any other models in its class.

• Various Connectivity

The Samsung DX Series enables businesses to access a wider range of digital content for a more immersive and engaging user experience with its comprehensive connectivity options. With the DX Series, you have the ability to connect PCs and other compatible digital devices to display the content that's most relevant for your audience. The Slide in Module (SIM) design allows for customers with various needs to customise their content based on local demand. In addition, MagicInfo-i helps to streamline content management from almost any location.

• 24-hour Reliability

The Samsung DX Series offers enhanced operational reliability for greater peace of mind. The Samsung DX Series utilises innovative cooling technologies to improve heat dissipation while lowering internal temperatures. That allows the LFD to operate efficiently and consistently over longer periods of time without costly servicing or maintenance.

• Best Picture Quality

Brightness levels of up to 700 cd/m^2 max allows placement As one of the brightest displays on the market today, Samsung DX Series is a high-impact display that will give your message the attention it deserves. Built with the same industry-leading imaging technology Samsung uses with its TVs, such as superior brightness levels, the DX Series produces images that are more vibrant and realistic than any other large format display in its class.

DR SERIES

Advanced technology needed to weather any environment

Get your message across to your customers with an exceptionally high brightness level of 1500 nits and static contrast ratio of 3500:1. A panel-only solution, you'll get a variety of customised applications. Connectivity conveniently includes VGA, DVI, BNC, CVBS, S-Video, Component and HDMI. Make a powerful impact, indoors or out with this SAMSUNG LCD display.

• High brightness, high contrast

Make sure your message is seen, even in bright outdoor environments. A 1500 nits brightness and 3500:1 contrast ratio assure excellent visibility.

• Enhanced connectivity

Enhanced connectivity with HDMI makes connection convenient and complete with the incorporation of VGA, DVI, BNC, CVBS, S-Video, and Component.

• Customisable to your business needs

Whether you're showcasing your latest menu or this week's movies, the DR outdoor large format display delivers a variety of custom applications like touch screens, built-in speakers, and protected glass.

CCFL Touch Panel

Key Features

TS SERIES

Giving the smoothest and most effective fingertip control

The TS series of LFDs combines brilliant image quality and interactive controls to deliver a totally professional service. It utilises sensitive infrared technology and fast screen response time to give the smoothest and most effective fingertip control. And with a sheet of protective glass over the display area, your touch-screen presentations have never been in safer hands.

• Brilliant Touch Screen with infrared technology

Samsung LFDs' touch screen Digital Information Displays (DIDs) show more than just beautiful images. Samsung's advanced DID touch screen technology draws an audience and keeps them there while you deliver your message. Responsive technology works wonders for engaging customers giving you a greater opportunity to reach them with your advertising. Interactivity stimulates sales, and durable design ensure that your advertising investment will yield compelling results for years to come.

• Matrix video wall

Create impossible-to-ignore video walls up to 5 monitors wide by 5 monitors high. Natural mode correction compensates for the bezel, for distortion-free displays.

• Pivot technology

Flexible Pivot function that freely rotates around 90º degrees, allowing you to easily view a vertical image or text without mouse scrolling. This function gives you more flexibility, supporting presentations in Portrait mode.

• RS232C In-out

RS232C, a standard of serial communication, is used for the communication between PC and displays. Therefore, A Multiple Display Control (MDC), helping various displays to be easily and simultaneously operated on PC, is possible with RS232C function.

MENU
1 TRIPLE-BYPASS BURGER $6.00 1,548 calories
2 HOT DOG $3.50 2,102 calories
3 ONION RING $3.00 364 calories
4 POTATO & HOT DOG $4.50 1,831 calories
5 RISOTTO $7.50 2,596 calories
6 TOMATO DOUBLE BURGER $4.50 510 calories
SAMSUNG
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PDP SERIES

A host of features to enhance communications

Instantly you will notice the brilliant viewing experience with a DID panel, Picture-in / by-Picture technology, and automatic light adjustment capabilities. It also has internal speakers for a richer multimedia experience. Add to this the internal cooling system that helps maintain the internal elements, and you have a work resource that is made to last.

• A smart sensor that automatically saves energy

Stop worrying about the lighting conditions affecting your display. This Samsung LFD adjusts its brightness levels as ambient light changes so your images are always crystal-clear. And while it compensates for low-light and high-light environments, you'll save energy and stay eco-friendly.

• Save money, save space with built-in speakers

Enhanced connectivity with HDMI makes connection convenient and complete with the incorporation of VGA, DVI, BNC, CVBS, S-Video, and Component.

• A cool way to ensure longevity

Enjoy continuous, reliable operation thanks to a built-in fan control. Housed inside of the LFD, the fan guarantees you can count on it for years to come without worrying about it overheating. You can even control the fan with an easy-to-use on screen display.

• Crystal-clear images, no residue.

Protecting your LFD from burn-in is important not only for longevity, but also for image clarity. PDP LFDs are known to be weak in this area. But Samsung PDP LFDs are different. A pre-setting pattern which is saved during content screening protects Samsung LFDs. It also removes the burning image by screening a pattern while the product is not in use.

• Stay in the loop with DVI-out

Enjoy superior picture quality with a DVI-out interface that lets you share content between multiple LFDs thanks to an easier-to-connect video matrix. LFDs used to have to be connected to the PC individually, but digital loop out allows you to connect them without connecting to a PC. Better yet, the digital loop out produces a single image without any loss of quality, and there's no need for a separate video signal distributor. It's easy to install and the most cost-effective way to connect multiple displays.

CCFL Video Wall

UT
UX
SERIES

Make sure your message gets across

On its own or part of a multi-display environment, the Samsung UX(n) Series makes a powerful statement. PC embedded, with 40GB of storage, and built-in speakers, its ultra-slim 11mm bezel enables the creation of a seamless video wall that guarantees your customers see what you want them to see.

Key Features

• Pivot Technology

Flexible Pivot Function that freely rotates around 90˚degrees, allowing you to easily View a vertical image or text without mouse scrolling. This function gives you more flexibility, supporting presentations in portrait mode.

• Advanced Cooling, 24/7 Operation

Samsung UX-2 display features advanced cooling technologies that allow reliable operation 24 hours a day, 7 days a week.

• Built-in PC for Control Over LAN/WAN

The integrated PC provides video wall control over network: up to 5 x 5

• Placement in Bright Areas

Up to 700 max cd/m² for visibility in bright light.

• RS232C In-Out

RS232C, a standard of serial communication, is used for the communication between PC and displays. A Multiple Display Control (MDC) allows various displays to be easily and simultaneously operated by a PC, which is possible with the RS232C function.

• 12.5mm Bezels for Seamless Video Walls

With an amazingly slim bezel, the Samsung 460UX-2 LFD keeps the focus on the image and not the frame around it. The thin, 12.5mm bezels (.49”) mean virtually seamless video walls.

• 4 Anti-Image Retention Technologies

Four types of anti-image retention can be set to be activated automatically throughout the day, contributing to longer panel life and greater reliability.

LED Video Wall

Key Features

UE
UD
SERIES

Break through with a totally immersive viewing environment

Utilising the latest in video display technology, the Samsung UE / UD LFD Series opens new opportunities for large format video walls. Among the variety of innovative new features is the super narrow bezel. The slimmest bezel on the lineup is a mere 5.5mm in order to focus the attention of the viewer to the content on the screen and not be distracted by black frames.

• Super Narrow Bezel

The super narrow bezel feature enables your content to shine through without any distractions or obstructions. At a mere 5.5mm, the thinnest bezel of the lineup allows you to create a nearly seamless viewing experience that can be as big as your imagination.

• Easy Installation

With easy-to-follow installation instructions and our installation specialists, you can create and configure a customised video wall solution. It also comes equipped with a range of versatile installation accessories such as MID and wall mount brackets for even greater convenience. Samsung has helped businesses around the world to create video wall solutions that are custom-made for their unique environment. This modular approach also enables Samsung to deliver the solution in a cost-effective manner.

• High Resolution

Leveraging the same imaging technology that's used in Samsung TVs, the UE / UD Series produce Full HD crystal-clear images at a larger-than-life scale. That means you don't have to worry about the quality of your images when displayed at much larger sizes. Just as long as the original image is high resolution, you can display content with full confidence.

• Eco-friendly LED Back Light Unit (BLU)

Powered by Samsung's eco-friendly LED backlight unit technology, it produces clear picture quality with high contrast levels, providing clear images and improved colour saturation. But what's more, the Samsung LED BLU is gentler on the planet compared to other display technologies and is free of harmful materials such as mercury and halogen, which makes recycling much safer.

HE SERIES

Enhanced readiblity provides better picture quality

The Samsung HE LFD is absolutely the choice to make for businesses with light, public usages. This specific Series has a TV Tuner embedded, which is preferred in many areas that are open to the public. The sleek design allows this product to be slimmer than before, with narrower bezels to catch the eyes of your customers.

• Slim design & easy installation

Designed in a sleek manner, these new LED LFDs have slimmer depths of up to 77% reduced depth, compared to those of conventional products. This not only allows more space to be used for other uses, but also contributes to the light weight, which provides easier transportation and installation. Another key design feature to notice is the narrower bezel. Such bezel width helps the product to fit in almost any environment, and at the same time, have the audiences concentrate better on the contents running.

• Embedded TV Tuner

The HE series is equipped with a TV Tuner option, which allows businesses show TV programs to customers without the need of purchasing additional devices. Such feature is surely one of the most preferred option in many public display markets.

• Internal Media Player

The HE Series provides you an Internal Player to enhance your business environment without additional costs. Without the needs of external devices such as set-back boxes or PCs, simply connect your USB device that has the contents you wish to play. This embedded media player supports various content types, as well as many video codes.

• Energy Efficient

With environmental regulations strengthening their policies, the LED LFD is just what the market needs. Samsung supports the green movement by producing products that are mercury free, spray free and lead free. Also, the power consumption is greatly reduced, resulting in nearly 50% of cost savings, when compared to conventional products.

ME SERIES

Differentiate your business with brilliant, high-impact images

Samsung has taken its expertise in visual displays and has applied it to its new lineup of LED Large Format Displays (LFD). These LFDs leverage the most cutting-edge technology and offer the latest in advanced features available today. Featuring all the advantages of LED backlighting, the Samsung ME Series produces crisp images with accurate colour representation, which is extremely critical when displaying large format content.

• Slim & Light Weight

The slim and lightweight design of the Samsung ME Series delivers a flexible and more customisable solution to better suit your business needs. The ME Series is 77% thinner than large format displays that use CCFL, allowing you to create more space between the LFD and viewer. The lightweight design also enables easier installation and a wider range of applications with less support materials.

• Low Power & Eco Friendly

Identifying gaps in operational processes is a critical aspect of running a profitable business. The Samsung ME Series can help to close some of those gaps by delivering a cost-effective solution that's also gentle on the planet. The LED technology driving the LFD consumes less energy than conventional CCFL-based large format displays and is lower on CO2 emissions.

• Built-in Contents Player

The Samsung ME Series are designed with a built-in content player for greater display capabilities. So in addition to the content on the built-in player, the ME Series can display content from MagicInfo-i Lite, videos, images, music and even documents like PPT files. Since the ME Series already comes equipped with a content player, there's no need to purchase additional software or equipment, or even a PC connection.

LED Panel

Key Features

SAMSUNG

DE SERIES

Your business display solution that runs 24/7

By integrating its expertise in visual displays with the most cutting-edge technology, Samsung's new DE Series helps to deliver your message in the most compelling and eye-catching way imaginable—even if your consumers are constantly on the go. The Samsung DE Series produces the most brilliant and realistic-looking images available on any display through the latest advances in LED backlighting technology.

• Non-Glare Panel & Brighteness

Don't let bright, well-lit environments distract consumers from your message. The Samsung DE Series is designed with a glare-proof surface so that reflections created by bright interior lights will not impede consumers from viewing the content on the LFD screen. By reducing the glare on the display screen, consumers can view content such as arrival and departure information quickly and easily. For an even greater visibility, the DE Series has a super-bright display of 600 nits for vibrant, life-like images that are easy to read.

• Slim & Light Weight

Having a business solution that can be tailored to your needs is critical in this competitive marketplace. That's why the slim and lightweight DE Series can be a key part to growing your business. Because of its lightweight design, the DE Series is much easier to install and has a greater range of applications. The DE Series is also considerably thinner than the competition so it takes up less valuable space.

• Eco Friendly

Samsung takes great responsibility when it comes to the environment. This philosophy runs deep and can be seen in the new DE Series. This high-performance LED display is gentler on the planet compared to a conventional CCFL LFD. The LED display contains less harmful materials and has lower CO2 emissions, making it more environmentally friendly and less of an issue when it comes to recycling.

• Built-in Media Player

Elevate your display capabilities with the built-in media player for the DE Series. Built within a microchip, the DE's media player has a CPU with a processing speed of 800MHz and a cache size of 512KB. Plus, the video processor supports WMV, MP4 and H.264 files for greater compatibility. What's more, Samsung's MagicInfo Lite enables you to display other types of files like Flash, PPT and JPG for increased versatility.

Model			400BX	460BX (DRAFT)	230MXn	320MX-3 (320FP-3)	
Panel	Diagonal Size		40"	46"	23"	32"	
	Type		S-PVA(B-DID)	S-PVA(B-DID)	C-PVA	S-PVA(B-DID)	
	Resolution		1920*1080 (16:9)	1920*1080 (16:9)	1920*1080	1366*768 (16:9)	
	Pixel Pitch(mm)		0.461(H)x0.461(V)	0.53025(H) * 0.53025(V)	0.2566(H) * 0.2566(V)	0.51075(H) x 0.51075(W)	
	Active Display Area(mm)		885.6(H) x 498.15(V)	1018.08(H) x 572.67(V)	509.76 x 286.74	697.6845(H) x 392.256(V)	
	Brightness(Typ.)		450 cd/m²	450 cd/m²	300cd/m²	450cd/m²	
	Contrast Ratio		3000:1	3000:1	3000:1	3500:1	
	Viewing Angle(H/V)		178/178	178/178	178/178	178/178	
	Response Time(G-to-G)		8ms	8ms	8ms	8ms	
	Display Colours		8 bit - 16.7M	8 bit - 16.7M	16.7M	8 bit - 16.7M	
	Colour Gamut		72%	72%	72%	72%	
Display	Dynamic C/R		10,000:1	10,000:1	5000:1	6000:1	
	H-Scanning Frequency		30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz	
	V-Scanning Frequency		56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz	
	Maximum Pixel Frequency		148.5MHz	148.5MHz	164MHz	148.5MHz	
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D	Analog D-SUB, DVI-D	Analog D-SUB	Analog D-SUB, DVI-D, Display Port	
		VIDEO	CVBS, Component(D-Sub 15pin)	CVBS, Component(D-Sub 15pin)	HDMI	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	RCA(L/R) , Stereo mini Jack	
	OUTPUT	RGB	N/A	N/A	VGA Out (Network)	N/A	
		VIDEO	N/A	N/A	N/A	N/A	
		AUDIO	N/A	N/A	Stereo mini Jack	Stereo mini Jack	
		Power Out	5V (for SBB)	5V (for SBB)	N/A	5V (for SBB)	
	EXTERNAL CONTROL		RS232C(in)	RS232C(in)	RS232C(in)	RJ45, RS232C(in/out)	
	EXTERNAL SENSOR		N/A	N/A	N/A	N/A	
Power	Type		Internal	Internal	Internal	Internal	
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/61 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	
	Power Consumption	Max [W/h]	220		120	150	
		Typical [W/h]	180		80	110	
		BTU (Max)	750.2		409.2	511.5	
		Sleep Mode	less than 1W	less than 1W	less than 5W	less than 2W	
		Off Mode	less than 1W	less than 1W	less than 0W (Power Switch Off)	less than 1W	
Mechanical Spec	Dimension (mm)	Set	969 x 582 x 91	1102.0 x 656.8 x 91.4	557.5 x 339.0 x 73.9	780 x 482 x 109	
		Package	1049 x 667 x 203	1199.0 x 748.0 x 230.0	640.0 x 418.0 x 192.0	890 x 590 x 256	
	Weight (kg)	Set	13.8	17.6	7.0	13.7	
		Package	15	20.3	8.6	16.7	
	VESA Mount		400 x 400mm	600 x 400mm	100 x 100mm	200 x 200mm	
	Protection Glass		N/A	N/A	N/A	Optional	
	Stand Type		N/A	N/A	N/A	Foot Stand (optional)	
	Media Player Option Type		N/A	N/A	Internal	N/A	
	Bezel Width (mm)		40.1	40.1	22.85 (top, bot), 25.1 (side)	40	

Model			320MXn-3	400MX-3 (400FP-3)	460MX-3 (460FP-3)	650MX-2
Panel	Diagonal Size		32"	40"	46"	65"
	Type		S-PVA(B-DID)	S-PVA(B-DID)	S-PVA(B-DID)	AMV3
	Resolution		1366*768 (16:9)	1920*1080 (16:9)	1920*1080 (16:9)	1920*1080 (16:9)
	Pixel Pitch(mm)		0.51075(H) x 0.51075(W)	0.46125(H)x0.46125(V)	0.53025(H) * 0.53025(V)	0.744(H) x 0.744(V)
	Active Display Area(mm)		697.6845(H) x 392.256(V)	885.6(H) x 498.15(V)	1018.08(H) x 572.67(V)	1428.48(H) x 803.52(V)
	Brightness(Typ.)		450cd/m²	450cd/m²	450cd/m²	500cd/m²
	Contrast Ratio		3500:1	3000:1	3000:1	5000:1
	Viewing Angle(H/V)		178/178	178/178	178/178	178/178
	Response Time(G-to-G)		8ms	8ms	8ms	8ms
	Display Colours		8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 1073.7M
	Colour Gamut		72%	72%	72%	72%
Display	Dynamic C/R		6000:1	40000:1	10000:1	10000:1
	H-Scanning Frequency		30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz
	V-Scanning Frequency		56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz
	Maximum Pixel Frequency		148.5MHz	148.5MHz	148.5MHz	148.5MHz
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D
		VIDEO	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, Component, BNC, HDMI
		AUDIO	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack
	OUTPUT	RGB	N/A	N/A	N/A	DVI-D(Loop-out)
		VIDEO	N/A	N/A	N/A	BNC
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		Power Out	5V (for SBB)	5V (for SBB)	5V (for SBB)	N/A
	EXTERNAL CONTROL		RJ45, RS232C(in/out)	RJ45, RS232C(in/out)	RJ45, RS232C(in/out)	RS232C(in/out)
	EXTERNAL SENSOR		N/A	N/A	N/A	N/A
Power	Type		Internal	Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]	220	235	260	470
		Typical [W/h]	177	193	233	430
		BTU (Max)	750.2	801.35	886.6	1602.7
		Sleep Mode	less than 5W	less than 2W	less than 2W	less than 2W
		Off Mode	less than 5W	less than 1W	less than 1W	less than 1W
Mechanical Spec	Dimension (mm)	Set	780 x 482 x 109	971 x 582.0 x 118.5	1102 x 658 x 125.5	1554 x 924 x 123.9
		Package	890 x 590 x 256	1085 x 703 x 310	1220 x 780 x 310	1690 x 1060 x 450
	Weight (kg)	Set	15.1	19.3	22.8	58
		Package	18.1	23.8	29.8	67.4
	VESA Mount		200 x 200mm	600 x 400mm	600 x 400mm	800 x 400mm
	Protection Glass		Optional	Optional	Optional	N/A
	Stand Type		Foot Stand (optional)	Foot Stand (optional)	Foot Stand (optional)	Foot Stand (optional)
	Media Player Option Type		Internal	SIM (Slide in Module)	SIM (Slide in Module)	SBB-NT
	Bezel Width (mm)		40	40	40	54

Model			400DX-3	460DX-3	550DX
Panel	Diagonal Size		40"	46"	55"
	Type		S-PVA(DID)	S-PVA(DID)	S-PVA(DID) 120Hz
	Resolution		1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)
	Pixel Pitch(mm)		0.46125(H) x 0.46125(V)	0.53025(H) * 0.53025(V)	0.21(H) x 0.63(V)
	Active Display Area(mm)		885.6(H) x 498.15(V)	1018.08(H) x 572.67(V)	1209.6(H) x 680.4(V)
	Brightness(Typ.)		700 cd/m²	700 cd/m²	700 cd/m²
	Contrast Ratio		3000:1	3000:1	4000:1
	Viewing Angle(H/V)		178/178	178/178	178/178
	Response Time(G-to-G)		8ms	8ms	8ms
	Display Colours		8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M
	Colour Gamut		72%	72%	72%
Display	Dynamic C/R		10000:1	10000:1	20000:1
	H-Scanning Frequency		30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz
	V-Scanning Frequency		56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz
	Maximum Pixel Frequency		148.5MHz	148.5MHz	148.5MHz
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port
		VIDEO	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)
		AUDIO	RCA (L/R) , Stereo mini Jack	RCA (L/R) , Stereo mini Jack	RCA (L/R) , Stereo mini Jack
	OUTPUT	RGB	DVI-D (Loop-out)	DVI-D (Loop-out)	DVI-D (Loop-out)
		VIDEO	N/A	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		Power Out	5V (for SBB)	5V (for SBB)	5V (for SBB)
	EXTERNAL CONTROL		RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45
	EXTERNAL SENSOR		Stero mini jack (IR in/out)	Stero mini jack (IR in/out)	Stero mini jack (IR in/out)
Power	Type		Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]	220	250	380
		Typical [W/h]	200	230	353
		BTU (Max)	750	853	1,296
		Sleep Mode	less than 2W	less than 2W	less than 2W
		Off Mode	less than 1W	less than 1W	less than 1W
Mechanical Spec	Dimension (mm)	Set	932 x 548 x 130	1068 x 624 x 130	1263.8 x 741.7 x 136.3
		Package	1042.0 x 668.0 x 295	1190.0 x 755.0 x 315	1690 x 450 x 1060
	Weight (kg)	Set	17.0	21.2	35.5
		Package	22.0	25.7	42.0
	VESA Mount		600 x 400mm	600 x 400mm	600 x 400 mm
	Protection Glass		Optional	Optional	Optional
	Stand Type		Foot Stand(optional)	Foot Stand(optional)	Foot Stand(optional)
	Media Player Option Type		SIM (Slide in Module)	SIM (Slide in Module)	SIM (Slide in Module)
	Bezel Width (mm)		20	20	22.5mm (top, side), 30mm(bottom)

Model			700DX-2	700DXn-2	820DXn-2
Panel	Diagonal Size		70"	70"	82"
	Type		S-PVA(DID)	S-PVA(DID)	S-PVA(DID)
	Resolution		1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)
	Pixel Pitch(mm)		0.807(H) x 0.807(V)	0.807(H) x 0.807(V)	0.9405(H) x 0.9405(V)
	Active Display Area(mm)		1549.44(H) x 871.56(V)	1549.44(H) x 871.56(V)	1805.76(H) x 1015.74(V)
	Brightness(Typ.)		600cd/m²	600cd/m²	600cd/m²
	Contrast Ratio		2000:1	2000:1	2000:1
	Viewing Angle(H/V)		178/178	178/178	178/178
	Response Time(G-to-G)		8ms	8ms	8ms
	Display Colours		8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M
	Colour Gamut		77%	77%	72%
Display	Dynamic C/R		2500:1	2500:1	2500:1
	H-Scanning Frequency		30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz
	V-Scanning Frequency		56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz
	Maximum Pixel Frequency		148.5MHz	148.5MHz	148.5MHz
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D	Analog D-SUB, DVI-D	Analog D-SUB, DVI-D
		VIDEO	CVBS, Component, BNC, HDMI	CVBS, Component, BNC, HDMI	CVBS, Component, BNC, HDMI
		AUDIO	RCA (L/R) , Stereo mini Jack	RCA (L/R) , Stereo mini Jack	RCA (L/R) , Stereo mini Jack
	OUTPUT	RGB	DVI-D (Loop-out)	DVI-D (Loop-out)	DVI-D (Loop-out)
		VIDEO	BNC	BNC	BNC
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		Power Out	N/A	N/A	N/A
	EXTERNAL CONTROL		RS232C (in/out)	RS232C (in/out)	RS232C (in/out)
	EXTERNAL SENSOR		N/A	N/A	N/A
Power	Type		Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]	720	790	1,000
		Typical [W/h]	680	750	920
		BTU (Max)	2,455	2,694	3,410
		Sleep Mode	less than 2W	less than 5W	less than 5W
		Off Mode	less than 1W	less than 5W	less than 5W
Mechanical Spec	Dimension (mm)	Set	1668 x 989 x 138	1668 x 989 x 138	1915 x 1126 x 143
		Package	1825 x 1353 x 610	1825 x 1353 x 610	2095 x 1488 x 618
	Weight (kg)	Set	81.7	83	119
		Package	102.7	104	154
	VESA Mount		800 x 400 mm	800 x 400 mm	1400 x 800, 900 x 800mm
	Protection Glass		Optional	Optional	Optional
	Stand Type		N/A	N/A	N/A
	Media Player Option Type		N/A	Internal	Internal
	Bezel Width (mm)		55	55	55

Model			460DR (KIT)	460DRn (KIT)	460DR-S (Semi outdoor)	460DRn-S (Semi outdoor)
Panel	Diagonal Size		46"	46"	46"	46"
	Type		S-PVA(E-DID)	S-PVA(E-DID)	S-PVA(E-DID)	S-PVA(E-DID)
	Resolution		1366*768	1366*768	1366*768	1366*768
	Pixel Pitch(mm)		0.7455(H) * 0.7455(V)	0.7455(H) * 0.7455(V)	0.7455(H) * 0.7455(V)	0.7455(H) * 0.7455(V)
	Active Display Area(mm)		1018.353(H) x 572.544 (V)	1018.353(H) x 572.544 (V)	1018.353(H) x 572.544 (V)	1018.353(H) x 572.544 (V)
	Brightness(Typ.)		1500 cd/m²	1500 cd/m²	1500 cd/m²	1500 cd/m²
	Contrast Ratio		3500:1	3500:1	3500:1	3500:1
	Viewing Angle(H/V)		178/178	178/178	178/178	178/178
	Response Time(G-to-G)		8ms	8ms	8ms	8ms
	Display Colours		8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M
	Colour Gamut		50%	50%	50%	50%
Display	Dynamic C/R		5000:1	5000:1	5000:1	5000:1
	H-Scanning Frequency		30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz
	V-Scanning Frequency		56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz
	Maximum Pixel Frequency		165MHz	165MHz	165MHz	165MHz
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D	Analog D-SUB, DVI-D	Analog D-SUB, DVI-D	Analog D-SUB, DVI-D
		VIDEO	CVBS, HDMI	CVBS, HDMI	CVBS, HDMI	CVBS, HDMI
		AUDIO	RCA(L/R), Stereo mini Jack	RCA(L/R), Stereo mini Jack	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack
	OUTPUT	RGB	N/A	N/A	N/A	N/A
		VIDEO	N/A	N/A	N/A	N/A
		AUDIO	RCA(L/R)	RCA(L/R)	RCA(L/R)	RCA(L/R)
		Power Out	5V (for SBB)	5V (for SBB)	5V (for SBB)	5V (for SBB)
	EXTERNAL CONTROL		RS232C(in/out)	RS232C(in/out)	RS232C(in/out)	RS232C(in/out)
	EXTERNAL SENSOR		N/A	N/A	N/A	N/A
Power	Type		Internal	Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]	430	500	450	520
		Typical [W/h]	390	460	410	480
		BTU (Max)	1,466	1,705	1,535	1,773
		Sleep Mode	less than 2W	less than 5W	2W	5W
		Off Mode	0W	0W	0W	0W
Mechanical Spec	Dimension (mm)	Set	1049 x 640.6 x 163.8	1049 x 640.6 x 163.8	1127.0 x 776.0 x 163.0 (Landscape) 678 x 1219.5 x 160.0 (Portrait)	1127.0 x 776.0 x 163.0 (Landscape) 678 x 1219.5 x 160.0 (Portrait)
		Package	1165.0 X 768.0 X 290.0	1165.0 x 768.0 x 290.0	1240 x 890 x 350 (Landscape) 803 x 1330 x 350 (Portrait)	1240 x 890 x 350 (Landscape) 803 x 1330 x 350 (Portrait)
	Weight (kg)	Set	24.7	26.2	48 (Landscape), 47 (Portrait)	48 (Landscape), 47 (Portrait)
		Package	30.7	32.2	54 (Landscape), 53 (Portrait)	54 (Landscape), 53 (Portrait)
	VESA Mount		N/A	N/A	600 x 400mm	600 x 400mm
	Protection Glass		N/A	N/A	Yes	Yes
	Stand Type		N/A	N/A	N/A	N/A
	Media Player Option Type		N/A	Internal	N/A	Internal
	Bezel Width (mm)					

Model			P50HP-2	P64FP
Panel	Diagonal Size		50"	64"
	Type		PLASMA DISPLAY	PLASMA DISPLAY
	Resolution		1365 X 768	1920x1080 (16:9)
	Pixel Pitch(mm)		0.810 (H) x 0.810 (V)	0.738(H) x 0.738(V)
	Active Display Area(mm)		1105.65 (H) x 622.08 (V)	1416.96(H) x 797.04(V)
	Brightness(Typ.)		675 cd/m²	610 cd/m²
	Contrast Ratio		10,000:1	40,000:1
	Viewing Angle(H/V)		Over 160/160	Over 160/160
	Response Time(G-to-G)		N/A	N/A
	Display Colours		16.77 million colours (8Bits)	68719.4 million colours (12Bit)
	Colour Gamut		N/A	N/A
Display	Dynamic C/R		10,000:1	40,000:1
	H-Scanning Frequency		30~81kHz	30~81kHz
	V-Scanning Frequency		56~75Hz	56~75Hz
	Maximum Pixel Frequency		165MHz	165MHz
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D	Analog D-SUB, DVI-D
		VIDEO	CVBS, Component, BNC, HDMI	CVBS, Component, BNC, HDMI
		AUDIO	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack
	OUTPUT	RGB	DVI-D(Loop-out)	DVI-D(Loop-out)
		VIDEO	BNC	BNC
		AUDIO	Stereo mini Jack	Stereo mini Jack
		Power Out	N/A	N/A
	EXTERNAL CONTROL		RS232C (in/out)	RS232C (in/out)
	EXTERNAL SENSOR		N/A	N/A
Power	Type		Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]		
		Typical [W/h]	330	620
		BTU (Max)	1,125.3	2,114.2
		Sleep Mode	less than 2 W	less than 2 W
		Off Mode	less than 1 W	less than 1 W
Mechanical Spec	Dimension (mm)	Set	1204.6 × 97.1 × 724.1	1503.5 × 99.4 × 894.0
		Package	1325 × 315 × 842	1640 × 420 × 1030
	Weight (kg)	Set	32.0	52.0
		Package	33.1	61.0
	VESA Mount		600 x 400mm	676 x 407mm
	Protection Glass		Yes	Yes
	Stand Type		Foot Stand(optional)	Foot Stand(optional)
	Media Player Option Type		N/A	N/A
	Bezel Width (mm)		36.3	45.3

Model			230TSn	320TSn-3	400TS-3	460TS-3
Panel	Diagonal Size		23"	32"	40"	46"
	Type		C-PVA	S-PVA(B-DID)	S-PVA(B-DID)	S-PVA(B-DID)
	Resolution		1920*1080	1366*768 (16:9)	1920*1080 (16:9)	1920*1080 (16:9)
	Pixel Pitch(mm)		0.2655(H) * 0.2655(V)	0.51075(H) x 0.51075(W)	0.46125(H)x0.46125(V)	0.53025(H) * 0.53025(V)
	Active Display Area(mm)		509.76 x 286.74	697.6845(H) x 392.256(V)	885.6(H) x 498.15(V)	1018.08(H) x 572.67(V)
	Brightness(Typ.)		300cd/m2	450cd/m^2	450cd/m^2	450cd/m^2
	Contrast Ratio		3000:1	3500:1	3000:1	3000:1
	Viewing Angle(H/V)		178/178	178/178	178/178	178/178
	Response Time(G-to-G)		8ms	8ms	8ms	8ms
	Display Colours		16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M
	Colour Gamut		72%	72%	72%	72%
Display	Dynamic C/R		5000:1	4000:1	4000:1	6000:1
	H-Scanning Frequency		30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz
	V-Scanning Frequency		56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz
	Maximum Pixel Frequency		164MHz	148.5MHz	148.5MHz	148.5MHz
Connectivity	INPUT	RGB	Analog D-SUB	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port
		VIDEO	HDMI	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)
		AUDIO	Stereo mini Jack	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack
	OUTPUT	RGB	N/A	N/A	N/A	N/A
		VIDEO	N/A	N/A	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		Power Out	N/A	5V (for SBB)	5V (for SBB)	5V (for SBB)
	EXTERNAL CONTROL		RS232C(in)	RJ45, RS232C(in/out)	RJ45, RS232C (in/out) , USB B type (touch screen)	RJ45, RS232C (in/out) , USB B type (touch screen)
	EXTERNAL SENSOR		N/A	N/A	N/A	N/A
Power	Type		Internal	Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]	120	220	235	260
		Typical [W/h]	80	177	193	233
		BTU (Max)	409.2	750	801	887
		Sleep Mode	less than 5W	less than 5W	less than 2W	less than 2W
		Off Mode	less than 0W (Power Switch Off)	less than 5W	less than 1W	less than 1W
Mechanical Spec	Dimension (mm)	Set	557.5 x 339.0 x 79.2	787 x 482 x 116	973.2 x 584.4 x 128.1	1104.2 x 658.4 x 134.3
		Package	648.0 x 428.0 x 175.0	890 x 590 x 256	1085 x 703 x 310	1220 x 780 x 310
	Weight (kg)	Set	8.35	20.8	24.8	31.3
		Package	10	23.9	29.2	36.2
	VESA Mount		100 x 100mm	200 x 200mm	600 x 400mm	600 x 400mm
	Protection Glass		N/A	Yes	Yes	Yes
	Stand Type		N/A	Foot Stand (optional)	Foot Stand (optional)	Foot Stand(optional)
	Media Player Option Type		Internal	Internal	SIM (Slide in Module)	SIM (Slide in Module)
	Bezel Width (mm)		22.85 (top, bot), 25.1 (side)	40	40	40

Model			650TS-2	700TSn-2	820TSn-2
Panel	Diagonal Size		65"	70"	82"
	Type		AMV3	S-PVA(DID)	S-PVA(DID)
	Resolution		1920*1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)
	Pixel Pitch(mm)		0.744(H) x 0.744(V)	0.807(H) x 0.807(V)	0.9405(H) x 0.9405(V)
	Active Display Area(mm)		1428.48(H) x 803.52(V)	1549.44(H) x 871.56(V)	1805.76(H) x 1015.74(V)
	Brightness(Typ.)		500cd/m^2	600cd/m^2	600cd/m^2
	Contrast Ratio		5000:1	1500:1	2000:1
	Viewing Angle(H/V)		178/178	178/178	178/178
	Response Time(G-to-G)		8ms	8ms	8ms
	Display Colours		8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M
	Colour Gamut		72%	77%	72%
Display	Dynamic C/R		10000:1	3000:1	2500:1
	H-Scanning Frequency		30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz
	V-Scanning Frequency		56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz
	Maximum Pixel Frequency		148.5MHz	165MHz	165MHz
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D	Analog D-SUB, DVI-D	Analog D-SUB, DVI-D
		VIDEO	CVBS, HDMI	CVBS, Component (D-sub 15pin), HDMI	CVBS, Component (D-sub 15pin), HDMI
		AUDIO	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack
	OUTPUT	RGB	DVI-D(Loop-out)	DVI-D(Loop-out)	DVI-D(Loop-out)
		VIDEO	N/A	N/A	N/A
		AUDIO	Stereo mini Jack, Speaker Out	Stereo mini Jack	Stereo mini Jack
		Power Out	N/A	N/A	N/A
	EXTERNAL CONTROL		RS232C (in/out)	RS232C (in/out), USB B Type (Touch Screen)	RS232C (in/out), USB B Type (Touch Screen)
	EXTERNAL SENSOR		N/A	N/A	N/A
Power	Type		Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]	470	879.8	1,000
		Typical [W/h]	430	808.3	920
		BTU (Max)	1,603	3,000	3,410
		Sleep Mode	less than 2W	less than 5W	less than 5W
		Off Mode	less than 1W	less than 5W	less than 5W
Mechanical Spec	Dimension (mm)	Set	1554 x 924 x 138	1688 x 989 x 138	1915 x 1125 x 155
		Package	1690 x 1060 x 450	1825 x 1353 x 610	2095 x 1488 x 618
	Weight (kg)	Set	70	122	140
		Package	80.4	148	175
	VESA Mount		800 x 400mm	800 x 400 mm	900 x 800mm, 1400 x 800mm
	Protection Glass		Yes	Yes	Yes
	Stand Type		Foot Stand(optional)	N/A	N/A
	Media Player Option Type		Slide-In Modular	Internal	Internal
	Bezel Width (mm)		54	55	55

UT SERIES

Model			460UT-2	460UTn-2	460UT-B	460UTn-B
Panel	Diagonal Size		46"	46"	46"	46"
	Type		S-PVA(DID)	S-PVA(DID)	S-PVA(DID)	S-PVA(DID)
	Resolution		1366*768	1366*768	1366*768	1366*768
	Pixel Pitch(mm)		0.7455(H) * 0.7455(V)	0.7455(H) * 0.7455(V)	0.7455(H) * 0.7455(V)	0.7455(H) * 0.7455(V)
	Active Display Area(mm)		1018.353(H) x 572.544(V)	1018.353(H) x 572.544(V)	1018.353(H) x 572.544(V)	1018.353(H) x 572.544(V)
	Brightness(Typ.)		500 cd/m² (Energysaving on) 700 cd/m² (Energysaving off)	500 cd/m² (Energysaving on) 700 cd/m² (Energysaving off)	450 cd/m²	450 cd/m²
	Contrast Ratio		3000:1	3000:1	4500:1	4500:1
	Viewing Angle(H/V)		178/178	178/178	178/178	178/178
	Response Time(G-to-G)		8ms	8ms	8ms	8ms
	Display Colours		8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M
	Colour Gamut		72%	72%	72%	72%
Display	Dynamic C/R		10,000:1	10,000:1	10000:1	10000:1
	H-Scanning Frequency		30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz
	V-Scanning Frequency		56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz
	Maximum Pixel Frequency		148.5MHz	148.5MHz	148.5MHz	148.5MHz
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port
		VIDEO	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)
		AUDIO	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack
	OUTPUT	RGB	DVI-D(Loop-out)	DVI-D(Loop-out)	DVI-D(Loop-out)	DVI-D(Loop-out)
		VIDEO	N/A	N/A	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		Power Out	5V (for SBB)	5V (for SBB)	5V (for SBB)	5V (for SBB)
	EXTERNAL CONTROL		RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45
	EXTERNAL SENSOR		Stero mini jack (IR in/out), mini USB (Ext. BR/IR sensor)	Stero mini jack (IR in/out), mini USB (Ext. BR/IR sensor)	Stero mini jack (IR in/out), mini USB (Ext. BR/IR sensor)	Stero mini jack (IR in/out), mini USB (Ext. BR/IR sensor)
Power	Type		Internal	Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]	290	360	205	270
		Typical [W/h]	230	300	195	260
		BTU (Max)	988.9	1227.6	699.05	920.7
		Sleep Mode	less than 2W	less than 5W	less than 2W	less than 5W
		Off Mode	less than 1W	less than 5W	less than 1W	less than 5W
Mechanical Spec	Dimension (mm)	Set	1025.7 x 579.8 x 130.0	1025.7 x 579.8 x 130.0	1025.7 x 579.8 x 130.0	1025.7 x 579.8 x 130.0
		Package	1148.0 x 705.0 x 330.0	1148.0 x 705.0 x 330.0	1148.0 x 705.0 x 330.0	1148.0 x 705.0 x 330.0
	Weight (kg)	Set	26.3	27.8	19.3	20.8
		Package	31.7	33.2	24.6	26.1
	VESA Mount		600 x 400mm	600 x 400mm	600 x 400mm	600 x 400mm
	Protection Glass		N/A	N/A	N/A	N/A
	Stand Type		Foot Stand (optional)	Foot Stand (optional)	Foot Stand (optional)	Foot Stand (optional)
	Media Player Option Type		N/A	Internal	N/A	N/A
	Bezel Width (mm)		4.3mm (U/L), 2.4mm (R/B)	4.3mm (U/L), 2.4mm (R/B)	4.3mm (U/L), 2.4mm (R/B)	4.3mm (U/L), 2.4mm (R/B)

UX SERIES

Model			400UX-3	400UXn-3	460UX-3	460UXn-3
Panel	Diagonal Size		40"	40"	46"	46"
	Type		S-PVA(DID)	S-PVA(DID)	S-PVA(DID)	S-PVA(DID)
	Resolution		1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)
	Pixel Pitch(mm)		0.46125(H) x 0.46125(V)	0.46125(H) x 0.46125(V)	0.53025(H) * 0.53025(V)	0.53025(H) * 0.53025(V)
	Active Display Area(mm)		885.6(H) x 498.15(V)	885.6(H) x 498.15(V)	1018.08(H) x 572.67(V)	1018.08(H) x 572.67(V)
	Brightness(Typ.)		700 cd/m²	700 cd/m²	700 cd/m²	700 cd/m²
	Contrast Ratio		3000:1	3000:1	3000:1	3000:1
	Viewing Angle(H/V)		178/178	178/178	178/178	178/178
	Response Time(G-to-G)		8ms	8ms	8ms	8ms
	Display Colours		8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M
	Colour Gamut		72%	72%	72%	72%
Display	Dynamic C/R		10000:1	10000:1	10000:1	10000:1
	H-Scanning Frequency		30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz	30kHz ~ 81kHz
	V-Scanning Frequency		56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz	56Hz ~ 85Hz
	Maximum Pixel Frequency		148.5MHz	148.5MHz	148.5MHz	148.5MHz
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port
		VIDEO	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)
		AUDIO	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack	RCA(L/R) , Stereo mini Jack
	OUTPUT	RGB	DVI-D(Loop-out)	DVI-D(Loop-out)	DVI-D(Loop-out)	DVI-D(Loop-out)
		VIDEO	N/A	N/A	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		Power Out	5V (for SBB)	5V (for SBB)	5V (for SBB)	5V (for SBB)
	EXTERNAL CONTROL		RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45
	EXTERNAL SENSOR		Stero mini jack (IR in/out), mini USB (Ext. BR/IR sensor)	Stero mini jack (IR in/out), mini USB (Ext. BR/IR sensor)	Stero mini jack (IR in/out), mini USB (Ext. BR/IR sensor)	Stero mini jack (IR in/out), mini USB (Ext. BR/IR sensor)
Power	Type		Internal	Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]	220	280	250	320
		Typical [W/h]	200	250	230	300
		BTU (Max)	750.2	954.8	852.5	1091.2
		Sleep Mode	less than 2W	less than 5W	less than 2W	less than 5W
		Off Mode	less than 1W	less than 5W	less than 1W	less than 5W
Mechanical Spec	Dimension (mm)	Set	914 x 526 x 118	914 x 526 x 118	1049 x 603 x 118	1049 x 603 x 118
		Package	1016 x 625 x 270	1016 x 625 x 270	1145 x 720 x 300	1145 x 720 x 300
	Weight (kg)	Set	17.5	19.0	24.5	26.0
		Package	22.5	24.0	29.5	31.0
	VESA Mount		600 x 400mm	600 x 400mm	600 x 400mm	600 x 400mm
	Protection Glass		N/A	N/A	N/A	N/A
	Stand Type		Foot Stand (optional)	Foot Stand (optional)	Foot Stand (optional)	Foot Stand (optional)
	Media Player Option Type		N/A	Internal	N/A	Internal
	Bezel Width (mm)		11	11	11	11

Model			UE46A	UE55A	UD55A (DRAFT)
Panel	Diagonal Size		46"	55"	55"
	Type		240Hz LED BLU	240Hz LED BLU	S-PVA(DID)
	Resolution		1920x1080 (16:9)	1920x1080 (16:9)	1920*1080
	Pixel Pitch(mm)		0.46125(H) X 0.15375(V)	0.210(H) X 0.630(V)	0.63mm(H) * 0.63mm(V)
	Active Display Area(mm)		1018.08(H) X 527.67(V)	1209.6(H) X 680.4(V)	1209.6 * 680.4mm
	Brightness(Typ.)		420nit	380nit	500 cd/m² (Energysaving on) 700 cd/m² (Energysaving off)
	Contrast Ratio		5000:1	5000:1	3500:1
	Viewing Angle(H/V)		178:178	178:178	178/178
	Response Time(G-to-G)		4ms	4ms	8ms
	Display Colours		10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion	8 bit - 16.7M
	Colour Gamut		73%	73%	72%
Display	Dynamic C/R				TBD
	H-Scanning Frequency		30 ~ 81kHZ	30 ~ 81kHZ	30kHz ~ 81kHz
	V-Scanning Frequency		48 ~ 75HZ	48 ~ 75HZ	56Hz ~ 85Hz
	Maximum Pixel Frequency		148.5MHz	148.5MHz	148.5MHz
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port
		VIDEO	Component(CVBS Common), HDMI	Component(CVBS Common), HDMI	CVBS, HDMI1,HDMI2, Component (D-sub 15pin)
		AUDIO	Stereo mini Jack	Stereo mini Jack	RCA(L/R) , Stereo mini Jack
	OUTPUT	RGB	DVI-D	DVI-D	DVI-D(Loop-out)
		VIDEO			N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		Power Out	N/A	N/A	5V
	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out), RJ45
	EXTERNAL SENSOR		N/A	N/A	Attached
Power	Type		Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]	160	180	250W (TBD)
		Typical [W/h]	140	160	
		BTU (Max)	545.6	613.8	
		Sleep Mode			less than 2W
		Off Mode	less than 1W	less than 1W	less than 1W
Mechanical Spec	Dimension (mm)	Set	1030.4 x 585.0 x 29.9	1221.8 x 692.7 x 29.9	1215.3mm x 686.1mm x 96.0mm (TBD)
		Package	1170.0 x 705.0 x 199.0	1364.0 x 848.0 x 199.0	TBD
	Weight (kg)	Set	12.0	16.0	35Kg (TBD)
		Package	15.9	21.0	TBD
	VESA Mount		400 x 400mm	400 x 400mm	600 x 400mm
	Protection Glass		N/A	N/A	N/A
	Stand Type		Foot Stand(optional)	Foot Stand(optional)	N/A
	Media Player Option Type		N/A	N/A	N/A
	Bezel Width (mm)		5.2mm	5.2mm	3.7mm (U/L), 1.8mm (R/B)

Model			HE40A	HE46A
Panel	Diagonal Size		40"	46"
	Type		60Hz LED BLU S-PVA	60Hz LED BLU S-PVA
	Resolution		1920x1080 (16:9)	1920x1080 (16:9)
	Pixel Pitch(mm)		0.46125(H) x 0.15375(V)	0.36375(H) x 0.36375(V)
	Active Display Area(mm)		885.6(H) x 498.15 (V)	1036.08(H) x 591.30 (V)
	Brightness(Typ.)		300nit	300nit
	Contrast Ratio		5000:1	5000:1
	Viewing Angle(H/V)		178:178	178:178
	Response Time(G-to-G)		8ms	8ms
	Display Colours		16.7M	10bit Dithering - 1.07Billion
	Colour Gamut		73%	73%
Display	Dynamic C/R		-	-
	H-Scanning Frequency		30 ~ 81kHZ	30 ~ 81kHZ
	V-Scanning Frequency		56 ~ 75HZ	56 ~ 75HZ
	Maximum Pixel Frequency		148.5MHz	148.5MHz
Connectivity	INPUT	RGB	Analog D-SUB,	Analog D-SUB,
		VIDEO	Component(CVBS Common) , HDMI	Component(CVBS Common) , HDMI
		AUDIO	Audio-in	Audio-in
	OUTPUT	RGB		
		VIDEO		
		AUDIO	Digital Audio out (Optical), Head phone out	Digital Audio out (Optical), Head phone out
		Power Out	N/A	N/A
	EXTERNAL CONTROL		N/A	N/A
	EXTERNAL SENSOR		N/A	N/A
Power	Type		Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]	120	160
		Typical [W/h]	100	140
		BTU (Max)	409.2	545.6
		Sleep Mode		
		Off Mode	less than 1W	less than 1W
Mechanical Spec	Dimension (mm)	Set	921.2 x 536.1 x 29.9	1056.3 x 612.3 x 29.9
		Package	1036.0 x 633.0 x 150.0	1170.0 x 730.0 x 199.0
	Weight (kg)	Set	10.5	12.5
		Package	12.9	16.6
	VESA Mount		200 x 200mm	400 x 400mm
	Protection Glass		N/A	N/A
	Stand Type		Foot Stand(optional)	Foot Stand(optional)
	Media Player Option Type		N/A	N/A
	Bezel Width (mm)		15.1mm (Bottom 16.6mm)	15.1mm (Bottom 16.6mm)

ME SERIES

Model			ME40A	ME46A	ME55A
Panel	Diagonal Size		40"	46"	55"
	Type		60Hz LED BLU	60Hz LED BLU	120Hz LED BLU
	Resolution		1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)
	Pixel Pitch(mm)		0.46125(H) x 0.15375(V)	0.36375(H) x 0.36375(V)	0.21(H) x 0.63(V)
	Active Display Area(mm)		885.6(H) x 498.15 (V)	1036.08(H) x 591.30 (V)	1209.6(H) x 680.4(V)
	Brightness(Typ.)		300nit	300nit	380nit
	Contrast Ratio		5000:1	5000:1	5000:1
	Viewing Angle(H/V)		178:178	178:178	178:178
	Response Time(G-to-G)		8ms	8ms	8ms
	Display Colours		16.7M	10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion
	Colour Gamut		73%	73%	73%
Display	Dynamic C/R				
	H-Scanning Frequency		30 ~ 81kHZ	30 ~ 81kHZ	30 ~ 81kHZ
	V-Scanning Frequency		48 ~ 75HZ	48 ~ 75HZ	48 ~ 75HZ
	Maximum Pixel Frequency		148.5MHz	148.5MHz	148.5MHz
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port
		VIDEO	Component(CVBS Common), HDMI	Component(CVBS Common), HDMI	Component(CVBS Common), HDMI
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
	OUTPUT	RGB	DVI-D	DVI-D	DVI-D
		VIDEO			
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		Power Out	N/A	N/A	N/A
	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45
	EXTERNAL SENSOR		N/A	N/A	
Power	Type		Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]	120	160	180
		Typical [W/h]	100	140	160
		BTU (Max)	409.2	545.6	613.8
		Sleep Mode			
		Off Mode	less than 1W	less than 1W	less than 1W
Mechanical Spec	Dimension (mm)	Set	921.2 x 536.1 x 29.9	1056.3 x 612.3 x 29.9	1246.4 x 718.2 x 29.9
		Package	1036.0 x 633.0 x 150.0	1170.0 x 730.0 x 199.0	1364.0 x 848.0 x 199.0
	Weight (kg)	Set	10.5	12.5	17.1
		Package	12.9	16.6	22.2
	VESA Mount		200 x 200mm	400 x 400mm	400 x 400mm
	Protection Glass		N/A	N/A	N/A
	Stand Type		Foot Stand(optional)	Foot Stand(optional)	Foot Stand(optional)
	Media Player Option Type		N/A	N/A	N/A
	Bezel Width (mm)		15.1mm(Bottom 16.6mm)	15.1mm(Bottom 16.6mm)	15.1mm(Bottom 16.6mm)

DE SERIES

Model			DE55A	DE40A	DE46A
Panel	Diagonal Size		40"	46"	55"
	Type		-	-	-
	Resolution		1920 X 1080(16:9)	1920 X 1080(16:9)	1920 X 1080(16:9)
	Pixel Pitch(mm)		-	-	-
	Active Display Area(mm)		1920 X 1080(16:9)	1018.08 X 572.67mm	1209.6 X 680.4mm
	Brightness(Typ.)		600nit	600nit	600nit
	Contrast Ratio		4500:1	4500:1	4000:1
	Viewing Angle(H/V)		178:178	178:178	178:178
	Response Time(G-to-G)		8ms	8ms	8ms
	Display Colours		16.7M	10bit Dithering - 1.07Billion	10bit Dithering - 1.07Billion
	Colour Gamut		73%	73%	73%
Display	Dynamic C/R		-	-	-
	H-Scanning Frequency		-	-	-
	V-Scanning Frequency		-	-	-
	Maximum Pixel Frequency		-	-	-
Connectivity	INPUT	RGB	-	-	-
		VIDEO	-	-	-
		AUDIO	-	-	-
	OUTPUT	RGB	-	-	-
		VIDEO	-	-	-
		AUDIO	-	-	-
		Power Out	-	-	-
	EXTERNAL CONTROL		-	-	-
	EXTERNAL SENSOR		-	-	-
Power	Type		-	-	-
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W/h]	140	170	200
		Typical [W/h]	120	150	180
		BTU (Max)	-		
		Sleep Mode	less than 1W	less than 1W	less than 1W
		Off Mode	less than 1W	less than 1W	less than 1W
Mechanical Spec	Dimension (mm)	Set	921.2 X 536.1 X 29.9	1056.3 X 612.3 X 29.9	1246.4 X 718.2 X 29.9
		Package	1036.0 X 633.0 X 150.0	1170.0 X 730.0 X 199.0	1364.0 X 848.0 X 199.0
	Weight (kg)	Set	10.5	12.5	17.1
		Package	12.9	16.6	22.2
	VESA Mount		200 x 200mm	400 x 400mm	400 x 400mm
	Protection Glass		-	-	-
	Stand Type		-	-	-
	Media Player Option Type		-	-	-
	Bezel Width (mm)		-	-	-

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